

“Improved Interior Wall and Partition Construction”

ABSTRACT OF THE DISCLOSURE

[0061] An improved interior wall construction that provides both sound attenuating and fire  
5resistant properties. The improved wall construction eliminates the need for conventional  
vertical studs by including at least one rigid interior structural panel comprised of compressed  
straw. A compressed straw panel is situated in a substantially layered configuration with  
conventional non-woven insulation, at least one air space and a gypsum board sheet on each  
face. Connection between the compressed straw panel and at least one gypsum board sheet is  
10comprised semi-flexible substantially Z-shaped resilient channel members. The Z-shaped  
channel members and compressed straw panel each being capable of partially attenuating  
sound energy passed therethrough.